

Experience in Sweden With High Quality Reinforcing
Bars, Codes, and Measurement, by G. Wastlund, 3 pp.

SWEDISH, per, Betongen Idag, Vol XXI, No 6,
1956, pp 148-158.

SLA Tr 2092

Sci - Engineering
Sep 57

52, 813

Survey of the Principal Radioisotopes in Biology
and Medicine, by J. Wasyluk, 15 pp.

POLISH, per, Radiologia, Vol. IV, No 1, 1959,
pp 47-64.

AEC-tr-4130
PL-430

Sci

May 62

193,199

78
An Automatic Method for Determination of
The Amount of Oxygen Dissolved in Water,
by J. Macinik, S. Wessak.

GERMAN, per, Chemie Analytische, Vol 8,
pp 737-746.

ALL Ref: 9072.09 1965 (4113)

Sci-Chem
June 66

301,495

Studies on the Control of Black Fly in Mt.
Myoko Area, by A. Watabe.
JAPANESE, per, Japanese J. of Sanitary Zool.,
Vol. 7, No. 3-4, 1956, pp 203-207
HMC/Ref: C-3530

A. WATABE

Sci -
Aug 67

355-483

Studies on the Control of Black Fly in Mt. Utsuyoko
Area, by A. Watabe.

JAPANESE, per, Japanese J of Sanitary Zool, Vol 7,
No 3-4, 1956, pp 7-203
HHC/Ref C-3530

A WATABE

Scl -
Aug 67

335,151

Analysis of Infinitesimal Values by Means of the
Matthiuch-Herzog Type Mass Spectrograph, by
E. Watanabe.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol V XVII,
No 11, 1964, pp 1778-1793.

*NASA TT F-9345

Eci-Engr
Jun 68

Watanabe, Koichi and Asano, Kosuke.
FURNACE BODY OF ALUMINUM ELECTROLYTIC
FURNACE. July 68, 7p.
Order from SA \$16.00 SA Code-P-181

Trans. of published Japanese patent 12901/1962,
cl. 10-D-122.3, appl. no. 51156/1960 filed 29 Dec 60,
pub. 4 Sep 62, by Nihon Keikinzoku Sogokenkyujo Co.,
Ltd.

DESCRIPTORS: *Furnaces, *Electrolytic cells,
Design, *Aluminum, Production, Aluminum compounds,
Oxides, Electrolysis.

(Metallurgy, IT, v. 10, no. 9)

63-22283

- I. Watanabe, K.
- II. Asano, K.
- III. Patent (Japan) pub.
37-12 901
- IV. SA Code-P-181
- V. Seizaburo Aoki (Japan)

Office of Technical Services

Computerized Control of the Rodpoint Temperature,
by S. Watanabe.

JAPANESE, per, Tetsu-to-Hagane, Vol 49, No 3

1963, pp 410-412.

CRL/T. 1743x

S. WATANABE

Sci -

Jul 67

333,892

A Direct Spinning and Drawing of Nylon
Filaments, by S. Watanabe, R. Sakai.

JAPANESE, Patent 580 62-19 508

INC 69-10581-112

96

Sci-Mat
July 69

386,794

102
Development of Resistance Cavitation Erosion
Alloy. by S. Watanabe & H. Masuda.
JAPANESE, for, Hitechi space film. Vol 25, 1964,
p 1.
RL Ref: 5022.065 (2385)

Sol/Mat
Feb 68

S. Watanabe
39,635

Anodic Marking of Differentially Coated Electrolytic
Tin Plate, by O. Yamabu, T. Watanabe.

JAPANESE, per, Tetsu to Hagane, Vol XLVI, 1960,
pp 1294-1296.

BISI 3067

Sci - Phys
Feb 63

~~CONFIDENTIAL~~
224, 235

Studies on the Fixation of Atmospheric Nitrogen by
Blue-Green Algae. (V). On the Effect of the Atmos-
pheric-Nitrogen-Fixing Blue Green Algae on the
Growth of Rice Plant, by A. Watanabe, 10 pp.

JAPANESE, par, Misc Repts Research Inst Nat Re-
sources (Japan), Nos 17-18, 61-63, 1950.

3
AMS-8063J

Sci

Aug 59

95,060

Studies on Calcium Tungstate Fluorescent
Substances, by N. Nishikawa, A. Hatanabe,
M. Kiginoto, N. Yamaguchi, S. Iwasu,
11 pp.

JAPANESE, per, J. Chem. Soc, Ind and Chem
Sect, Vol LVII, 1954, pp 530-533.

T.R.L./T.4574

Sci - Chemistry, x-ray fluorescence

May 1956

33,875

Excerpt From "Geographic Systems of China -
Natural Environment Volume," by Tadao Shokano,
Akira Watanabe, 67 pp.

JAPANESE, bk. Shina Chiri Taikai-Shizen
Kankyo Hen, Tokyo, 1940, pp 319-409.

CIA/FDD Tr 668

FI - China
Geo - Topography, plants and animals
Soc - Ethnic groups
Box 57

55, 416

134
Ultramicroanalysis by Means of the Mattauch-
Hertog Type Mass Spectrograph, by E. Watanabe,
et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXVII,
No 11, 1964, pp 1778-1793.
NASA TT F-9843

Sci-Engr
Aug 65

280,340

Six Cases of Rat Subcutaneous Sarcoma Produced
by Injection of Hot Water and a New Strain
(Watanabe No. III) of Ascites Sarcoma Formed
From One of the Cases, by F. Watanabe, N. Azuma.

JAPANESE, par, Nagasaki Igakkaishi Zasshi, Vol XXXIV,
No 834, 1959.

NRH 10-7-62

Sci - Med

218, 886

Dec 62

Study on the Carcinogenicity of Aldehyde. Pt I. Rat
Sarcomas Experimentally Produced by the Repeated
Subcutaneous Injection of an Aqueous Solution of
Formaldehyde, by F. Watanabe, T. Matsunaga, T. Soejima,
Y. Iwata, 5 pp.

JAPANESE, per, Gann, (The Japanese Journal of Cancer
Research), Vol XIV, No 2/3, Sep 1954, pp 451, 452.

NIH 314

Scientific - Medicine

33,527

Iron and Steel in Swing, by Gisle WATANABE,
1 pp. UNCLASSIFIED

JAPANESE, per, The Oriental Economist, May 1955,
Encl to IR-239-55, AA, Tokyo. CIA D 231159

AF 663742

25,273

FE - Japan
Economic - Production, Consumption, Export, Import
Jul 55 CTS

The Scraper, Especially the Knife, by H. Watanabe.
JAPANESE, par, Wood Industry, Japan, Vol XIII, No
8, 1958, pp 15-20.

CSIRO Tr 4230

Oct. 62

Determination of the Chromatic Aberration Constant of Magnetic Lenses, by H. Watanabe and H. Morito.

GERMAN, per, Optik, Vol XII, No 4, 1955, pp 166-172.

CSIRO-2608

Sci

Aug 58

71,063

AEC-tr-4482(p.132-41)

Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

N-7

*Secret Japan Commission
on Radio Isotopes, 1943*

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

Handwritten: Japan Tobacco
on Radiotapes Feb 1958

N-7

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

Second Japan Conference on
Radiotopes, Feb 1958

N-7

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-25 P NSA

N-7

Handwritten: Japan to Com. Sec. 10/1/58
Nishimura, S. Umeda, and T. Ando

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

N-7

*Signal Corps Conference
on Radiotopes, Feb 1958*

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

N-7

AEC-tr-4482(p.132-41) Uncl.

TRIAL PRODUCTION OF INSTRUMENTS FOR MEASURING
THE QUANTITY OF TOBACCO AND FUSE POWDER BY
RADIATION. H. Watanabe, S. Suzuki, Y.
Nishimura, S. Umeda, and T. Ando.

C-23 P NSA

N-7

Japan Tobacco Co. Ltd.
1000 Tokyo Japan

79
Assembly in the α -T Characteristics of α -T
Hydroxides, by H. Watanabe,
JAPANESE, For, Tokoku Metal Tech. Rev., Vol
1, No. 1, 1963, pp 44-49.
ATO 88-113

H. Watanabe

Master
324,811

Crystalline Nature of Low-Temperature,
Polymerized Vinyl Chloride,
by H. Watanabe, et al.
JAPANESE, per. Kagaku Kagaku,
Vol. LII, 1958, pp. 1522-1524.
NASA TT 1-0765

H. Watanabe

U. S. GOVERNMENT USE ONLY
Sci-Tech
REF ID

298,545

Low Temperature Photopolymerization of
Vinyl Chloride Using Metallic Salt,
by H. Matsunabe, Y. Anagi.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 61,
1958, pp 888-891.

NASA TT F-9747

H. Matsunabe

U. S. GOVERNMENT USE ONLY

Sci-Chem

Apr 66

298,788

Low Temperature Photopolymerization of
Vinyl Chloride Using Uranyl Nitrate,
by H. Watanabe et al.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 61,
1958, pp 893-897.
NASA TT F-9748

H. Watanabe

U. S. GOVERNMENT USE ONLY
Sci-Chem
Apr 66

298,787

Watanabe, H.
THEORY OF THE CHEBYSHEV APPROXIMATION
FOR FILTER NETWORKS. [1961] 21p. 9 refs.
Order from MDF \$12.50

MDF W-101

Trans. of [Denki Tsushin Gakkai Zasshi] (Japan) 1960,
v. 43, no. 3, p. 271-280.

(Engineering--Electronic, TT, v. 5, no. 11)

61-22114

1. Microwave networks--
Mathematical analysis
 2. Band-pass filters--
Mathematical analysis
 3. Title: Chebyshev
approximation
- I. Watanabe, H.
 - II. MDF W-101
 - III. Friedman, Morris D., Inc.,
West Newton, Mass.

Office of Technical Services

An Investigation of Albacore, by Hajime Watanabe, 4 pp.

Full translation.

JAPANESE, pam, Prog. rept. Shizuoka Pref. Fish Exp.
Sta., 1936-38, pp 22-23.

S.L.A.

Scientific - Biological

27, 436

Aug 55

The Scraper, Especially the Knife, by Haruo
Watanabe, 19 p.

JAPANESE, per. Mokuzai Kogyo, 1958, Vol XIII,
No 3, pp 15-20.

SLA 59-20085

Sci
Apr 60
Vol III, No 2

113,578

Fishing Conditions South of the Marshall Islands, by
Haruo Watanabe, 23 pp.

Full translation.

JAPANESE, per, Nanyo Suisan, No 58, 6(3), Mar 25, 1940,
pp 12-19; No 59, 6(4) Apr 25, 1940, pp 14-25; No 60,
6(5), May 25, 1940, pp 9-15.

S.L.A.

Scientific - Biological

27,437

Aug 55

Preparation Method for Crystalline Vinyl System
Polymers, by Hiroaichi Watanabe, Tetsuya Horita,
Yasuo Asaki, 15 pp.

JAPANESE.

SIA 60-10726

Sci
Jun 60
Vol III, No 5

119,077

On the difference of the stomach contents of
the Yellowfin and Bigeye Tunas from the Equa-
torial Pacific, by Hiroya Watanabe.

JAPANESE, Report of the Mankai Regional Fisher-
ies Research Laboratory, Vol VII, 1958, pp 72-
81.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Hawaii.

Sci - Biol
May 59

87,699

Theory of the Chebyshev Approximation for Filter Networks, by Hitoshi Watanabe, 21 pp.

JAPANESE, Jnl Inst Electr Comm Engrs, Japan, Vol XXXIII, No 3, 1960, pp 271-280.

REF W-101

9093232

OTS 61-21232

Sci

Nov 61

On the Increase of Root Nodule Bacteria
in the Root Area of the Host Plant III.
Studies in Ecology of Root Nodule Bacteria
in Soil, by K. Tsujimura, I. Watanabe.

XJAPANESE, per, Journal of the Science
of Soil and Manure, Vol XXXI, No 4, 1960,
pp 173-176.

CSIRO 5174

Sci - Biol
Aug 62

207, 253

A Method for Applying an Anticorrosive Film to
Boilers, by Isao K. Watanabe, Yukitaka Ohnago, 1 pp.
UNCL

JAPANESE, Patent 3955, 3 Jul 1954.

7045233
Navy/REL 861

Sci - Engr
Sep 61

Study on Desoxypentose Nucleic Acid of Herring
Spermatozoa by Diffusion Measurement, by Kojiro
Iso, Itaru Watanabe, 15 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXVIII,
No 9, 1957, pp 1268-1272.

HH 4-15

Sci - Chem

May 59

85,996

Studies on Antitumor Components in Natural Products.
Part I. On Antitumor Activities of Crude Drugs
and Plants, by Goto, M. T. Noguchi, J. Watanabe,
14 pp.

JAPANESE, rpt, Takeda Kankyujo Nempo, No 18,
1959, pp 37-43.

NIH 3-1-61

Sci - Med
May 61

150,577

Properties of Stress-Relaxation and Creep of
Several Vulcanized Elastomers, by Kanzo
Watanabe.

JAPANESE, per, J Soc Rubber Industry,
Vol XXXIII, 1960, pp 883-892.

NLL M.3446

Sci - Phys
Apr 62

193, 815

A Study on the Control of Plant Diseases
by Means of Antagonistic Microorganisms,
Report No IX. Control of Plant Diseases
by Means of Fungi of Trichoderma Species
(No 2), by G. Mishikado, K. Watanabe.

JAPANESE, per, Nogaku Kenkū, Vol XLIII,
1955, pp 126-133.

CSIRO

Sci - Biol
Jul 62

207, 737

Fishing Power of Saury Blanket Net 2 (Bouke-
Ami) Fishery, by M. Inoue, K. Watanabe.

JAPANESE, par, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XLII,
No 12, 1958, pp 745-748.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

Sci - Biol
Jun 59

88,599

Studies on the Prevention and the Control
of Plant Diseases by Means of Antagonistic
Microorganisms. Prevention and Control of
Diseases by Means of Fungi of Trichoderma
Family, by G. Makiyado, K. Watanabe.

JAPANESE, per, Kagaku Kenkyu, Vol. XLIII,
1955, pp 134-143.

CSIRO

Sci - Med
Jun 62

199,650

WILKES Sound in Western
Alaska, U. S. Fish and Wildlife
L. National.

REPORT, Report of the United States
Biology Research Laboratory, U. S. Fish and
Wildlife Service.

Dept of Int
US Fish and Wildlife Service
Pacific Oceanic Fisheries
Investigations, Honolulu.

Sci. - Biol.
Biol. 50

87, 701

The Temperature Coefficients of the e.m.f. in the
Alkali Storage Cells, by T. Hosono, K. I. Watanabe,

JAPANESE, per, J Electro Chem Soc, Japan, Vol XIX,
1951, pp 14-16.

TIL Tr 4834

Sci - Chemistry
Mar 58

59,176

Development of the Miracidium of Schistosoma
Japonicum, by M. Watanabe, 120 pp.

JAPANESE, per, Okayama Igakkai Zasshi, (Journal
of the Okayama Medical Society), Vol LVI, No 3,
Mar 1934, pp 615-664.

340 3 22
NIH

Scientific - Chemistry
CTS 70/Jul 55

25,520

Dry Spinning. 1. Investigations of Spinning
Conditions, by M. Takahashi, M. Watanabe,
23 pp.

JAPANESE, per, Sen-i Gakkaishi, Vol XVI,
No 6, 1960, pp 458-469.

ABS-000451

Sci

203,556

Jul 62

Vol 4, No 12

Effect of Agitation on Polymerization of
Acrylonitrile in Aqueous and in Emulsion
Phase Initiated by Persulfate-Triethanolamine
Redox System and Persulfate Alone, by S. N.
Miyachi, M. Watanabe, 18 pp.

MAKINOSE, per, Kobunshi Kagaku, Vol XVII,
No 178, 1960, pp 103-114.

SLA 60-18387

Sci

202,246

Jun 68

Conductivity of nonpolar crystals in a strong
electrostatic field, by Yamashita, J., and
Watanabe, M., 12 pp.

JAPANESE, per, Rept Inst Sci Technol Univ Tokyo,
6, no 3, 1952, p 111-116.

ATS-384J

Sci

Aug 59

94,367

Activity of Histocytes for Various Organs and
Tissues, by Y. Hamazaki, M. Watanabe.

CEPMAN, part, Vol 10 Hematologica, Vol XXIX, 1989,
pp 12-34.

Navy Tr 2030/189

Sci - Med

Jan 62

181.154

Friction Characteristics of γ - Irradiated Polymers.
by K. Matsumura, M. Matsumoto.
JAPANESE, per, Genshiryoku Kagaku, Vol 10, No 11, 64
1964, pp 43-55. 3211740
AEC UCRL-11-10037

M. Matsumoto

Sci/Electronics
Aug 64

306,171

(46)
Synthesis of ϵ -Caprolactam by the Schmidt Reaction,
by M. Watanabe, 4 pp.

JAPANESE, per, J. Chem Soc Japan (Ind Chem Sec, Vol
LVI, 1953, pp 100, 101.

ATS-6606J

ATS/JJ-3636

Sci

Aug 59

95,367

Utilization of Radioactive Rays in Fuel Tests,
by Masuzo Watanabe.

JAPANESE, per, Henryo Kyokai-shi, Vol XXXIX(402),
1960, pp 698-704.

Dept of Interior
TN7 E57 No 457

175,986

Sci - Nuc Physics

Dec 61

61-20266

Watanabe, M. (Munoto).

VISCOSITY FORMULAS OF POLYAMIDE AT HIGH
CONCENTRATION. [1961] 8p. (2 figs. omitted) 7 refs.
Order from SLA \$1.10 61-20266

I. Watanabe, M.

Trans. of unidentified article pub. by Department of
Synthetic Fibers, Toyo Rayon Co., 1950.

DESCRIPTORS: *Amides, Polymers, *Viscosity,
*Synthetic fibers, *Textile industry, Molecular weight

194997

It is a well known fact that Baker's viscosity formula is
applicable up to fairly high concentrations. However,
the intrinsic viscosity $[\eta]$ calculated by the empirical
equation by Schulz, Blaschke, and Higgins deviates
from the true value when the concentration is high.
According to many experimental results, it was found
that the following empirical equation with a simple cor-
(Materials-Textiles, TT. v. 7, no. 5) (over)

Office of Technical Services

Cases of Poisoning by the Reef Fish *Lutjanus Vaigiensis*,
by Masao Watanabe, 11 pp.

Full translation.

JAPANESE, per, Res. Inst. for Nat. Resources, Tokyo,
No 6, 1946.

Scientific - Medicine

S.L.A. 1797/57

27,438

Aug 55

Equilibrium in the Reduction of Silver
Chloride by Hydrogen, by Fusao Ishikawa,
Hatt Motoo Watanabe, 11 pp,

JAPANESE, per, Bull Inst Phys Chem Research
Tokyo, No 8, 1929, pp 552-561.

Assoc Tech Serv JT-14578
Assoc Tech Sv No 14058
AEC Tr No 2116

23,557

Scientific - Chemistry

May 55 CTS

Readjustment Work of Land Parcels and its
Effect of Farm Management, by N. Watanabe,
M. Ogawa, S. Shibata.
JAPANESE, per, Tohoku Nogyo Shikenjo Kenkyu
Hokoku, No. 29, 1959, pp 53-74
SLA TT-66-10840

N. Watanabe

330, 790

FE - Japan
Icon
Jul 67

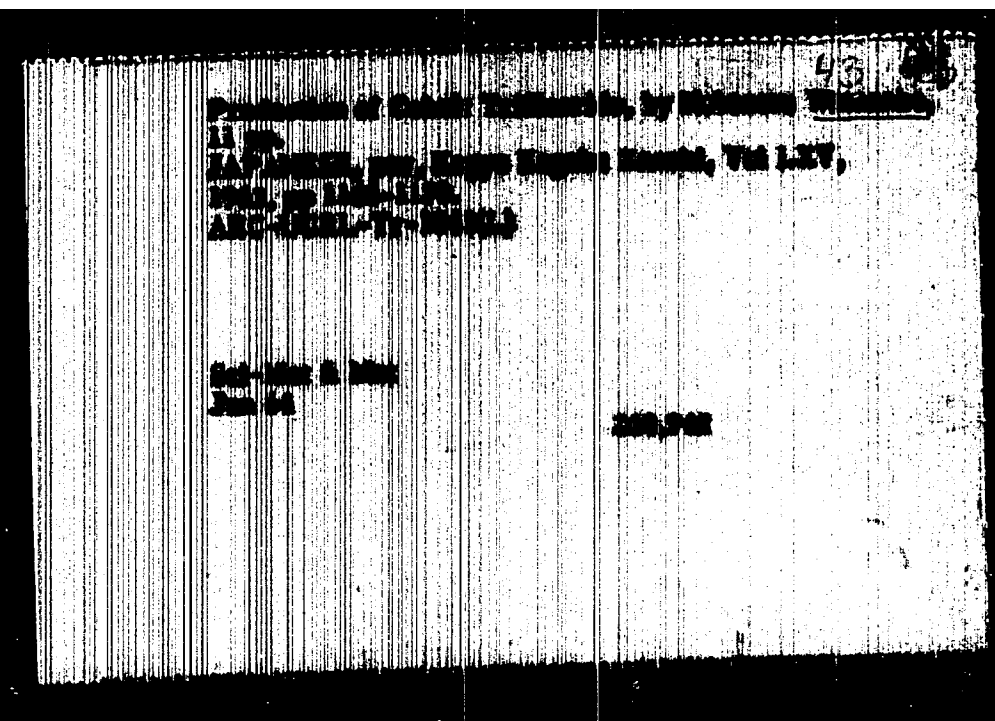
Part II. - On the Temperature Change of the
Layer in Summer, by N. Watanabe.

JAPANESE, rpt, Encl to Serial No 639-60, U
Tokyo, 1955.

Navy/ONI 5103

Sci - Geophysic
Oct 60

129,808



59-19340

Watanabe, Nobuo.
ON THE MECHANISM OF VARIATION IN WATER
TEMPERATURE AND CHLORINITY OF UPPER
LAYER IN THE SEAS SOUTHWEST OFF KYUSHU
AND AROUND NANSEI-SHOTO. tr. by Grace Y.
Beard. 22 July 59, 13p. (18 figs. omitted) 7 refs.
Order from OTS or SLA \$1.60 59-19340

Trans. of [Tokai-ku Suisan Kenkyusho Kenkyu Kokoku]
(Japan) 1958, no. 21, p. 15-24 (Tokai Regional Fish-
eries Research Lab. Contributions no. 75).

DESCRIPTORS: *Sea water, *Japan, Temperature,
Chlorine, Determination, Atmosphere, Heat transfer,
Evaporation, Precipitation, Oceanography

(Earth Sciences--Oceanography, TT, v. 7, no. 3)

- I. Watanabe, N.
- II. Tokai Regional Fisheries
Research Lab., Con-
tributions-75
- III. Fish and Wildlife Service,
Washington, D. C.

12-29-61
Office of Technical Services

Metal Deposits From Amalgam. 1. Determination of
the Equilibrium Diagram of the $\text{NaOH} - \text{NaBr} -$
 NaI System, by T. S. Okada, S. R. Yoshizawa,
N. Y. Watanabe, 8 pp.

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect,
Vol LVI, 1953, pp 79-81.

25,452

AEC Tr 2171

Scientific - Chemistry

Jul 55 CTS

43
The Matrix in Self-Flaming Sinter, by
S. Watanabe and T. Matsuda.
JAPANESE, per, ~~Tokyo-to-Hakuso~~, Vol 45, No 9,
1959, pp 913-915.
EESI 7879

oct/ast
jan 71

~~S. Watanabe~~
S. Watanabe

Construction and operation of an H-1 Vacuum 75
Steel Refining Plant, by S. Watanabe, et al.
Japanese, for, Teikoku Kaisha, Vol 50,
No 3, 1964, pp 431-455.
in 6704

S. WATANABE

10-30-64
10-1-64
10-1-64

204,000

57
[Illegible text block]

[Illegible text block]

[Illegible text block]

ON THE EFFECT OF FLUORSPAR IN THE BASIC OXYGEN LD
STEELMAKING PROCESS, BY S. WATANABE, ET AL.

JAPANESE, PER, TETSU TO HAGANE, VOL XLVIII, NO 4,
1962, PP 468-470.

HB 5676

SCI - MIN/MET, ENGR
OCT 62

212,089

Recherches Fondamentales sur les agglomeres
autofondants. I. Influence d'additions de castine
sur leur redutibilite, by S. Watanabe, T. Matsucka.

JAPANESE to FRENCH, per, Sumito Kinsoku, Vol XI, No 4,
Oct 1959, pp 261-263.

CDS I.T.

Dephosphorization in a Basic Oxygen LD
Furnace Studied in Relation to Changes in
the Physical Blowing Conditions, by S.
Watanabe, M. Oishi, et al.

JAPANESE, per, Tetsu to Hagane,
Vol XLVII, No 3, 1961, pp 355-356.

HB 5233

199,386

Sci - Eng.
JUN 52

Mathematical Method in Rheology, by
S. Watanabe, 17 pp.

JAPANESE, JOR, Journal of M Textile
Machinery Society of Japan, Vol XII, No 3,
1959, pp 163-168.

SLA 60-184876

Sci
Vol IV, No 11
Jan 62

199, 254

The Stability of Nitro-Cellulose: 3 and 4, by
S. Watanabe,

JAPANESE, per, J. Soc Chem Indus, Japan, No 46,
1943, pp 503-507,

TPA3/TTB, T 4185

10,863

Scientific-Chemistry

An Instrument for Recording Continuously the
Temperature and Depth of Sea Water, by Tadayoshi
Sasaki, Seichi Watanabe, Gohachiro Oshiba, Kyuichiro
Tanaka, Noboru Okami.

JAPANESE, rpt, Encl to Serial No 639-60, US NA,
Tokyo, 1952.

Navy/ONI 5103468

Sci - Geophysics
Oct 60

129,772

Computerized Control of the End-Point Temperature in the Basic Oxygen LD Process, by
Sh. Watanabe, et al.

JAPANESE, per, Tetsu to HANAGI, Vol XLIX, No 3,
1963, pp 410-412.

HB 5936

Sci-UM

Aug 63

343, v74

The Quantitative Determination of Dicyanodiamide
in Nitro-Lime, by Shiro Watanabe.

JAPANESE, Journal of the Taihoku Society of
Agriculture and Forestry, No 1, 1936, pp 171 - 175.

AEC Tr 1013

Scientific - Chemistry

510 37-1828

Nov 1951 CPS

112934

AEC-tr-4482(p.172-91) Uncl.

A MACHINE FOR GAMMA-RAY RADIOGRAPHY WITH TWO
COUNTERS. T. Watanabe.

C-23 P NSA

Second Japan Conference on
Radioisotopes, Feb 1958

N-3

Mesure Des Rayons β par l'Emploi des Composés Organiques
Fluorescents. I. Mesure du Spectre de β a
l'Aide des Monocristaux d'Anthracène, (Measurement of
Beta Rays by Use of Fluorescent Organic Compounds.
I. Measurement of Beta Spectra Using Anthracene
Monocrystals), by T. Watanabe, 12 pp.

JAPANESE, to FRENCH, par, N Oyo Butsuri, Vol XXVIII,
1959, pp 377-380.

Reverse Trans
GHA Tr-X-355

Sci
Sep 61

The above information is for reference and purposes
 of the Bureau only. It is not to be used for
 any other purpose. It is to be kept confidential.
 The Bureau is not to be used for any other purpose.
 The Bureau is not to be used for any other purpose.

COVER SHEET ONLY

2011

Mechanical Properties of Austenitic Stainless
Steel Wire - On the Yield Phenomenon, by T.
Watanabe.

JAPANESE, per, Journal Japan Inst Metals, Vol
XXII, No 3, 1958, pp 120-123.

HB 4798

Sci - Min/Met

Apr 60

114,261

A Method for Concentrating and Recovering Heavy
Water from Concentrated Mother Liquor of Sea Water,
by Tadashi Watanabe, 6 pp.
JAPANESE, Patent No. 19,252, 7 Apr 1961.
SEC-DEFNL-Tr-335

P 105

Sci-Engr
Mar 65

274,950

49
Absolute Measurement of Disintegration Rate of
Radioisotope Sources by X-Ray Coincidence
Counting Method, by Tamiaki WATANABE, Norio
TAKAHASHI.

JAPANESE, per. Oyo Buturi (Tokyo), Vol 13, No 5,
May 1964, pp 322-327. 9233267
AEC RES-43

Tamiaki Watanabe

Sci/Chemistry
Aug 66

306,223

137

Absolute Measurement of Disintegration Rate of
Radioisotope Sources by X-Ray Ray Coincidence
Counting Method, by Tamaki WATANABE, Hiroo
TAKEMOTO, 9 pp.
JAPANESE, per, Opt. Electron., Vol 33, No 5, 1964,
pp 322-327.
SEC REF Tr-43

Tamaki WATANABE

331,180

Sci - Physics
Jul 67

Studies on Cellulose Nitrate, by Watanabe Teiryō,
(or Sadayoshi)

JAPANESE, per, J. Soc Text and Cellulose Ind.,
Japan, Vol V, pp 141-146, 194-197, 260-262, 1949.

TPA3/TIB T 4050

Scientific - Chemistry
Tr Avail @ The Secretary, Ministry of Supply,
TPA/TIB/P & TD, Leydown Road, Nottingham, London,
Index Aeronautics
S.B.9

576

My Opinion Concerning the Defense Program, from
I Insist on Rearmament, by WATANABE Tetsuo, 46 pp.
UNCLASSIFIED

Full translation.

JAPANESE, published by Watanabe Economic Research
Institute, 1 Feb 1951, Army Attache.

500th MI Svc Gp
Transl #78249

ONE - Japan
Military

Jan 53 CTS/DIX 2523

Both Cutter and Gun, by Dr Tetsuo WATANABE, 6 pp.
UNCLASSIFIED

Full translation.

JAPANESE, per, Sakurai Genji, 1 Nov 1952, Encl 1: 1 to
Ept 11-73-53.

TD 1179305

EE - Japan

Military - Recruitment
Sec 53 CMB/EXX

CIA 1706083

5066

AEC-tr-4482(p.1330-46) Uncl.

STUDIES ON LETHAL CONDITIONS FOR FOOD BACTERIA
ESPECIALLY E. COLI, BY USE OF THE GAMMA RAY.
W. Watanabe and S. Sasaki.

C-23 P NSA

*Hand Japan Conference on
Radioisotopes, Feb 1951*

N-4

On the Regenerative Amplifier, by Y. Watanabe,
19 pp.

GERMAN, per, Telegraphie u Telephonie, Vol
XXXII, No 3, 1928, p 77-83.

SLA 57-2517

Sci

Aug 58

69, 76.3

An Attempt to Predict the Surface Temperature
of the North-Eastern Sea Adjacent to Japan for the
Summer, by N. Watanabe, T. Hirano.

JAPANESE, rpt, Encl to Serial No 639-60, US NA, Tokyo,
1955.

Navy/ONI 5103468

Sci - Geophysics
Oct 60

129,771

Studies on Air-Drive Spindles. II. Transverse
Shaft Bearing, by H. Hasegawa, M. Hirayama.

JAPANESE 1971.

SLA 61-10050

Sci
Mar 62

Vol VII, No 2

Studies on Air-Drive Spindles. II. Transverse
Shaft Bearing, by A. Wetari, N. Hirayama.

JAPANESE, 1953.

SLA 61-10639

801
Mar 62

Vol VII, No 2

189,530

Studies on Air-Drive Spinners. III.
Characteristics, by A. Watarai, N. Hirayama.

JAPANESE, 1953.

SLA 61-10658

Sci
Mar 62

Vol. VII, No 2

189,531